

ABSTRACT

The present invention is to provide a volume hologram recording material wherein a composition is adjusted in accordance with a recording wavelength in a visible region set individually and specifically, and is excellent in sensitivity or hologram recording performance. A photosensitive composition for volume hologram recording comprising a photopolymerizable compound, a photopolymerization initiator and a sensitizing dye, wherein a maximum absorption wavelength of the sensitizing dye deviates by 14 nm or more from a predetermined volume hologram recording wavelength set in a visible region and the composition itself has absorption at the volume hologram recording wavelength.